

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

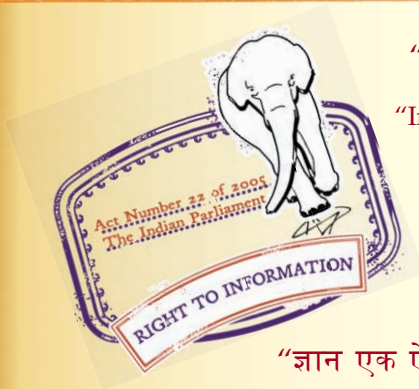
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 6252 (1971): Scissors Bandage, Lister's Pattern [MHD 2: Orthopaedic Instruments, Implants and Accessories]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

(Reaffirmed 2002)

SPECIFICATION FOR SCISSORS BANDAGE, LISTER'S PATTERN

1. Scope — Dimensions and requirements of Lister's pattern bandage scissors.

2. Material

2.1 Arms — Stainless steel having the following composition:

	Percent
Carbon	0.35 to 0.45
Silicon	1.0 Max
Manganese	1.0 Max
Nickel	1.0 Max
Chromium	12.00 to 14.00
Sulphur	0.03 Max
Phosphorus	0.03 Max

or carbon steel conforming to Designation T80 of Schedule VI of IS : 1570-1961 'Schedules for wrought steels for general engineering purposes'.

2.2 Screws — Stainless steel or carbon steel as given in 2.1 or stainless steel conforming to Designation 22Cr13 of Schedule V of IS : 1570-1961.

3. Shape and Dimensions — As shown in Fig. 1.

4. Workmanship

4.1 Scissors shall have no side play at the joints and shall be well balanced.

4.2 The blade shall open and close without stiffness and shall have a slight cross over action to give a continuous pinch.

4.3 Scissors shall be free from cracks, seams, flaws and other surface defects.

4.4 The edges shall be even and rounded except for the cutting edge, which shall be sharp.

4.5 Cutting edge shall not have any feather.

5. Finish — The scissors shall be passivated and finished bright and smooth. The scissors made from carbon steel shall be plated chromium over nickel in accordance with Service Grade No. 2 of IS : 1068-1968 'Specification for electroplated coatings of nickel and chromium on iron and steel (first revision)'.

6. Tests

6.1 Performance Test — A roll of bandage cloth shall be wound without undue force on a wooden batten of 50 mm dia in such a way that six layers of them lie one over the other. The spear end of the longer blade shall be pushed underneath the bandage layers and cutting shall be performed throughout the width of the bandage smoothly. The cutting of the bandage shall be even and performed without any undue resistance.

6.2 Corrosion Resistance (for Stainless Steel Scissors) — Scrub the sample with soap and warm water, rinse in hot water and then dip in 95 percent ethyl alcohol. Dry the sample. Immerse in copper sulphate solution at room temperature for 6 minutes and wash off with fresh water or wet cotton wool. Make up the solution as follows:

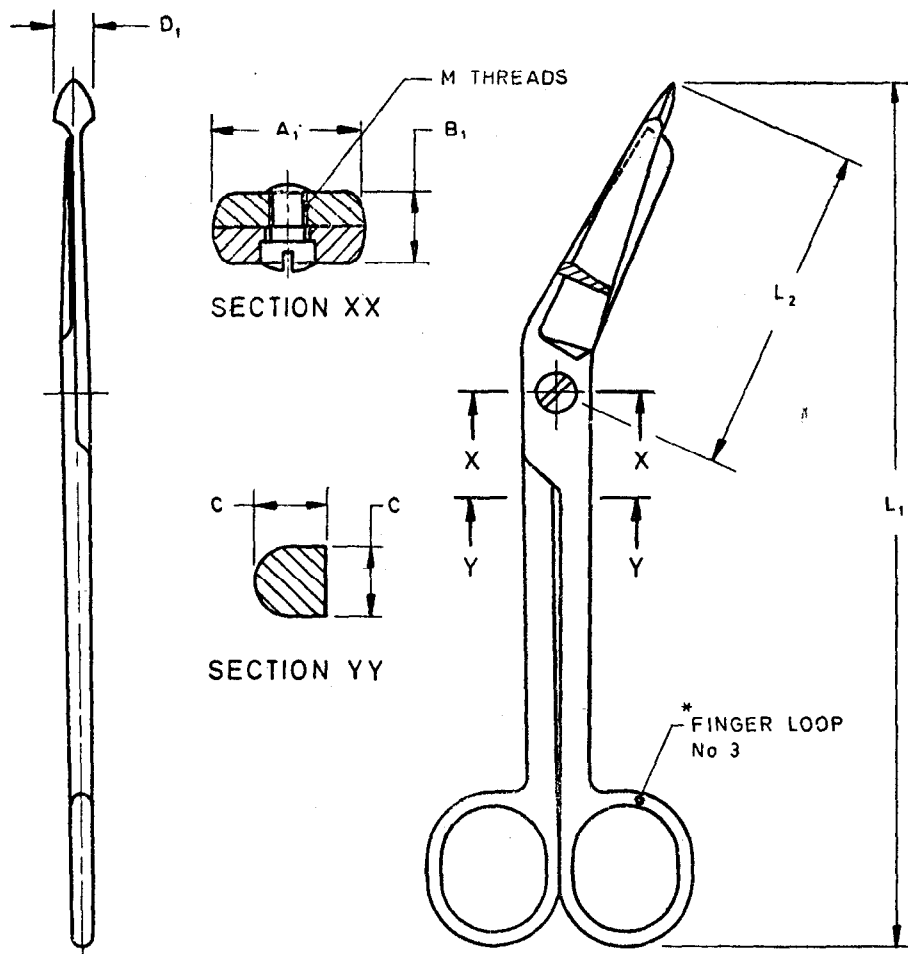
Copper sulphate ($\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$)	4.0 g
Sulphuric acid (H_2SO_4) (sp gr 1.84)	10.0 g
Distilled water (see IS : 1070 - 1960 'Specification for water distilled quality')	90.0 ml

There shall be no red stains or spots on the sample but dulling of the polished surface may be permitted.

Adopted 26 July 1971

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Gr 1



L_1	B_1	A_1	C	L_2	D_1	M	Weight, g
± 5	± 0.5	± 1	± 0.5	± 3	Max		± 5
140	6.0	12	6.0	56	6.5	M3	50
185	7.5	15	7.5	67	8.0	M4	85

*See IS : 3642-1966 'General requirements for surgical instruments'.

All dimensions in millimetres.

FIG. 1 SCISSORS, BANDAGE

7. Marking — Shall be marked with manufacturer's name, initials or recognized trade-mark and the country of origin.

7.1 Certification Marking — Details available with the Bureau of Indian Standards.

8. Packing — As agreed to between the purchaser and the supplier.